



**Pine Creek West
Igneous and Structural Setting**

A combination of mapped faults, granite zonation and orientation and gravity/magnetics demonstrate that the Pine Creek Block has a number of dominant (wide, long, mineralised and intrusion filled) shears (example the classic Pine Creek Shear) within structural sutures in the NNW trend as well as demonstrable NE trending structural corridors. Cosmo Howley lies at the junction of these. A new Pine Creek Shear analogue was recognised under Cambrian cover to the west – The Blue Ant-Fenton Geosuture.



The OreFull Mineral Texture Atlases Volume 43-1: Introduction to the Blue Ant Fenton Goldfield

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